

MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WASTE PREVENTION

AIR COMPLIANCE EVALUATION (ACE) CHECKLIST

Facility Name: Berkshire Power, LLC
City: Agawam
Classification: OP 8

FMF Facility ID: 274425
AS ID: 0420067
Federal Fiscal Year: 2007

Check One: ACE with On-site Inspection (ACE) ☒
ACE without On-Site Inspection (ACEOFF) ☒

ATTACHMENTS & REFERENCES

1. Emission Unit Summary (see attached)

2. Applicable Regulations and Permits

Table 3, OP # 1-O-00-036

Date: 6/26/2002

RES #

Date:

7.02 Approval #

Date:

3. Enforcement History (see attached)

ON-SITE INSPECTIONS

Activity	Date Scheduled	Date Achieved	Results/Findings	Lead Staff
Visible Emissions Observation	8/30/2007	8/30/2007	No issues.	D. Balboni
On-Site Inspections	8/30/2007	8/30/2007	See report.	D. Balboni
Facility Records & Logs	8/30/2007	8/30/2007	See report.	D. Balboni
Observed Stack Test	7/25/2007	7/25/2007	See stack test memo.	S. Isaac

OFF-SITE REPORT REVIEW ACTIVITIES

Reporting Requirement	Date Due	Date Reviewed	Report Review Results	Reviewer
Air Pollution Control Equipment Malfunction			<input type="checkbox"/> Review Complete <input checked="" type="checkbox"/> Rpt Not Applicable	
CEM Excess Emissions Reports	Monthly	Monthly	<input type="checkbox"/> Review Complete <input type="checkbox"/> Rpt Not Applicable	J. Kirzec
Operating Permit Deviation Reports			<input type="checkbox"/> Review Complete <input checked="" type="checkbox"/> Rpt Not Applicable	
Operating Permit Annual Compliance Certifications	1/30/2007	3/13/2007	<input checked="" type="checkbox"/> Review Complete <input type="checkbox"/> Rpt Not Applicable	J. Kirzec
Operating Permit Semi-Annual Emissions Summary	7/30/2007	9/13/2007	<input checked="" type="checkbox"/> Review Complete <input type="checkbox"/> Rpt Not Applicable	J. Kirzec
NOx, SO2, CO2 Emissions and Operating Information			<input type="checkbox"/> Review Complete <input checked="" type="checkbox"/> Rpt Not Applicable	
Mercury & Chlorine Content of Coal			<input type="checkbox"/> Review Complete <input checked="" type="checkbox"/> Rpt Not Applicable	
Emission Statement/ Source Registration	4/15/2007	10/4/2007	<input checked="" type="checkbox"/> Review Complete <input type="checkbox"/> Rpt Not Applicable	D. Balboni
NOx Budget Compliance Certificate	*	*	<input type="checkbox"/> Review Complete <input type="checkbox"/> Rpt Not Applicable	*
Stack Test Reports	10/11/2007	**	<input type="checkbox"/> Review Complete <input type="checkbox"/> Rpt Not Applicable	S. Isaac
Monitoring Data Summary			<input type="checkbox"/> Review Complete <input checked="" type="checkbox"/> Rpt Not Applicable	
RES Annual Report			<input type="checkbox"/> Review Complete <input checked="" type="checkbox"/> Rpt Not Applicable	

Other		<input type="checkbox"/> Review Complete <input checked="" type="checkbox"/> Rpt Not Applicable	
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Additional Comments:

* Reviewed by MassDEP-Boston staff, info not available at this time.

** Stack Test Report not reviewed at this time.

EMISSION UNIT IDENTIFICATION

The following emission units (Table 1) are subject to and regulated by this operating permit:

Table 1			
Emission Unit (EU)	Description of Emission Unit	EU Design Capacity	Pollution Control Device
EU 1	ABB GT24 combustion turbine & Combined cycle unit *	2,112 x 10 ⁶ Btu/hr	selective catalytic reduction for NOx catalytic oxidation for CO & VOC
EU 2	(2) internal combustion chiller engines natural gas fired	11.34 x 10 ⁶ Btu/hr each	selective catalytic reduction for NOx catalytic oxidation for CO & VOC
EU 3	wet mechanical draft cooling tower	66,090 gallons per minute	drift eliminators

* The stack parameters for the combustion turbine/chiller engines are as follows:

Height=125 feet

Inside diameter=18.0 feet

Attachment: Enforcement History (3 Years)

Facility Name	Facility AQ #	DEP Acct. #	Number	Type	Category	Status	Achieved	Scheduled	Employee
<u>BERKSHIRE POWER LLC</u>	420067	274425	067004 SEP	ACP - ADMINISTRATIVE CONSENT ORDER, WITH PENALTY	ENF		3/30/2006	4/29/2006	KIRZEC